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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/635,827	08/10/2000	Dan Yun	200-0368	6345
28395	7590	02/11/2004	EXAMINER	
BROOKS KUSHMAN P.C./FGTL 1000 TOWN CENTER 22ND FLOOR SOUTHFIELD, MI 48075-1238			WORJLOH, JALATEE	
			ART UNIT	PAPER NUMBER
			3621	

DATE MAILED: 02/11/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/635,827

Applicant(s)

YUN ET AL.

Examiner

Jalatee Worjloh

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NG

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 November 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,3,4 and 12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

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DETAILED ACTION

1. Claims 1,3-20 have been examined.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1, 3, 4 and 12 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

As per claims 1, 3, and 4, it is unclear which subroutine is being applied for a particular condition; that is, if it is determined that the first subroutine is a volume variance subroutine in claim 1, the second and third subroutines may also be a volume variance subroutine (see claims 3 and 4), which will cause the reporting step to output the same result for the first, second, and third subroutines.

As per claims 1 and 12, the term “if applicable” implies that there is a possibility where no results may be outputted. For example, what if it is determined that the first, second, and third subroutines can not be applied to the gathered data, then no subroutines will be applied and the reporting step will not be able to output any results.

Please consider revising the claims for clarity.

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Claim Rejections - 35 USC § 101

Note, the authorized examiner's amendment given in a telephone interview held January 21, 2004 **was not** entered; therefore, the changes discussed should be submitted with this response.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Canadian Patent No. 2294662 to Elliot discloses automated text generation system for generating financial reports based on financial data.
- US Publication No. 2004/0010463 to Hahn-Carlson et al. discloses a transaction management computer programmed to automatically set contract terms for a transaction based on business rules previously established between parties to a transaction.

This Office action has an attached requirement for information under 37 CFR 1.105. A complete reply to this Office action must include a complete reply to the attached requirement for information. The time period for reply to the attached requirement coincides with the time period for reply to this Office action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jalatee Worjloh whose telephone number is 703-305-0057. The examiner can normally be reached on Mondays-Thursdays 8:30 - 7:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 703-305-9768. The fax phone number for the

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organization where this application or proceeding is assigned is 703-872-9306, 703-746-9443 for Non-Official/Draft.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

***Commissioner of Patents and Trademarks
PO Box 1450
Alexandria, VA 22313-1450***

Hand delivered responses should be brought to Crystal Park 5, 2451 Crystal Drive, Arlington, V.A., Seventh floor receptionist.

February 9, 2004

Requirement for Information Under 37 CFR 1.105

1. Applicant and the assignee of this application are required under 37 CFR 1.105 to provide the following information that the examiner has determined is reasonably necessary to the examination of this application.
2. The information is required to document the level of skill and knowledge in the art of Accounting/Finance.
3. The information is required to identify products and services embodying the disclosed subject matter of applying volume variance subroutine, a mix variance subroutine, a next revenue change variance subroutine, a cost change variance subroutine, an exchange variance subroutine and a one-time subroutine to gathered data and identify the properties of similar products and services found in the prior art.
4. In response to this requirement, please provide a list of keywords that are particularly helpful in locating publications related to the disclosed art of applying volume variance subroutine, a mix variance subroutine, a next revenue change variance subroutine, a cost change variance subroutine, an exchange variance subroutine and a one-time subroutine to gathered data.
5. In response to this requirement, please provide copies of each publication which any of the applicants authored or co-authored and which describe the disclosed subject matter of applying volume variance subroutine, a mix variance subroutine, a next revenue change variance subroutine, a cost change variance subroutine, an exchange variance subroutine and a one-time subroutine to gathered data.

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6. In response to this requirement, please provide the title, citation and copy of each publication that any of the applicants relied upon to develop the disclosed subject matter that describes the applicant's invention, particularly as to developing volume variance subroutine, a mix variance subroutine, a next revenue change variance subroutine, a cost change variance subroutine, an exchange variance subroutine and a one-time subroutine to gathered data. For each publication, please provide a concise explanation of the reliance placed on that publication in the development of the disclosed subject matter.

7. In response to this requirement, please provide the title, citation and copy of each publication that any of the applicants relied upon to draft the claimed subject matter. For each publication, please provide a concise explanation of the reliance placed on that publication in distinguishing the claimed subject matter from the prior art.

8. In response to this requirement, please state whether any search of prior art was performed. If a search was performed, please state the citation for each prior art collection searched. If any art retrieved from the search was considered material to demonstrating the knowledge of a person having ordinary skill in the art to the disclosed volume variance subroutine, a mix variance subroutine, a next revenue change variance subroutine, a cost change variance subroutine, an exchange variance subroutine and a one-time subroutine to gathered data, please provide the citation for each piece of art considered and a copy of the art.

9. In response to this requirement, please provide the names of any products or services that have incorporated the claimed subject matter.

10. In responding to those requirements that require copies of documents, where the document is a bound text or a single article over 50 pages, the requirement may be met by

providing copies of those pages that provide the particular subject matter indicated in the requirement, or where such subject matter is not indicated, the subject matter found in applicant's disclosure.

11. This requirement is an attachment of the enclosed Office action. A complete reply to the enclosed Office action must include a complete reply to this requirement. The time period for reply to this requirement coincides with the time period for reply to the enclosed Office action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jalatee Worjloh whose telephone number is 703-305-0057. The examiner can normally be reached on Mondays-Thursdays 8:30 - 7:00.

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